INDIANA DEPARTMENT OF TRANSPORTATION
MATERIALS AND TESTS DIVISION

SUPERSTRUCTURE CONCRETE ANALYSIS FOR QUALITY ASSURANCE

CONTRACT NO. _____ MIXTURE: <u>w/o Silica Fume</u>   <u>w/Silica Fume</u> LOT NO. _____

Threshold Equation for CMD at Max. Allowable W/C: UW = _____ (Air) + _____

ADJUSTMENT POINTS							
Date Sublot Quantity $(yd^3 \ (m^3))$	_____ Sublot 1	_____ Sublot 2	_____ Sublot 3	_____ Sublot 4			
Properties					Average	Tolerance Range	Adjustment Points P
Air Content (%)							
Threshold Unit Weight (lb/ft^3)							
Measured Unit Weight (lb/ft^3)							
Rapid CI Permeability (Coulombs)							
28 Day Compressive Strength (psi)							
Range of Air Content							

Note: Insert asterisk (*) next to any failing Sublot Acceptance Sample result and submit copy of form to DMTE for processing as Failed Material.

QUALITY ASSURANCE ADJUSTMENT							
Lot Quantity L $(yd^3(m^3))$	Adjustment Points			qa Lx Um x Pa/100 ($)	qc Lx Um x Pc/100 ($)	qr Lx Um x Pr/100 ($)	Q qa+qc+qr ($)
	Air Content Pa	Comp. Strength Pc	Air Content Range Pr				

Um = \$96/yd^3 (\$125/m^3)

_____   _____
Project Engineer/ Project Supervisor   Date